

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending January 2021
Includes CoCoRaHS Data

RI 1 month January 2021	Rainfall	Departure	Percent	Normal
Northwest	2.79	-1.49	65	4.28
Northeast	2.49	-1.58	61	4.07
Central West	2.74	-1.33	67	4.07
Central East	2.23	-1.63	58	3.86
Eastern	2.01	-1.84	52	3.85
Southern	2.40	-1.71	58	4.11
New Shoreham	2.36	-1.75	57	4.11

RI 2 month Dec 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	10.97	1.85	120	9.12
Northeast	12.39	3.58	141	8.81
Central West	13.59	4.92	157	8.67
Central East	12.47	4.39	154	8.08
Eastern	9.30	1.13	114	8.17
Southern	11.97	3.15	136	8.82
New Shoreham	10.50	1.68	119	8.82

RI 3 month Nov 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	17.06	2.98	121	14.08
Northeast	16.39	2.79	121	13.60
Central West	17.71	4.29	132	13.42
Central East	16.44	3.85	131	12.59
Eastern	13.46	0.96	108	12.50
Southern	16.64	2.77	120	13.87
New Shoreham	16.26	2.39	117	13.87

RI 6 month Aug 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	25.94	-1.33	95	27.27
Northeast	24.89	-1.43	95	26.32
Central West	27.06	1.19	105	25.87
Central East	25.59	1.55	106	24.04
Eastern	21.79	-2.17	91	23.96
Southern	25.46	-1.25	95	26.71
New Shoreham	27.67	0.96	104	26.71

RI 12 month Feb 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	48.74	-4.96	91	53.70
Northeast	47.99	-3.43	93	51.42
Central West	48.62	-2.15	96	50.77
Central East	46.71	-0.47	99	47.18
Eastern	40.36	-8.18	83	48.54
Southern	47.29	-5.58	89	52.87
New Shoreham	46.37	-6.50	88	52.87

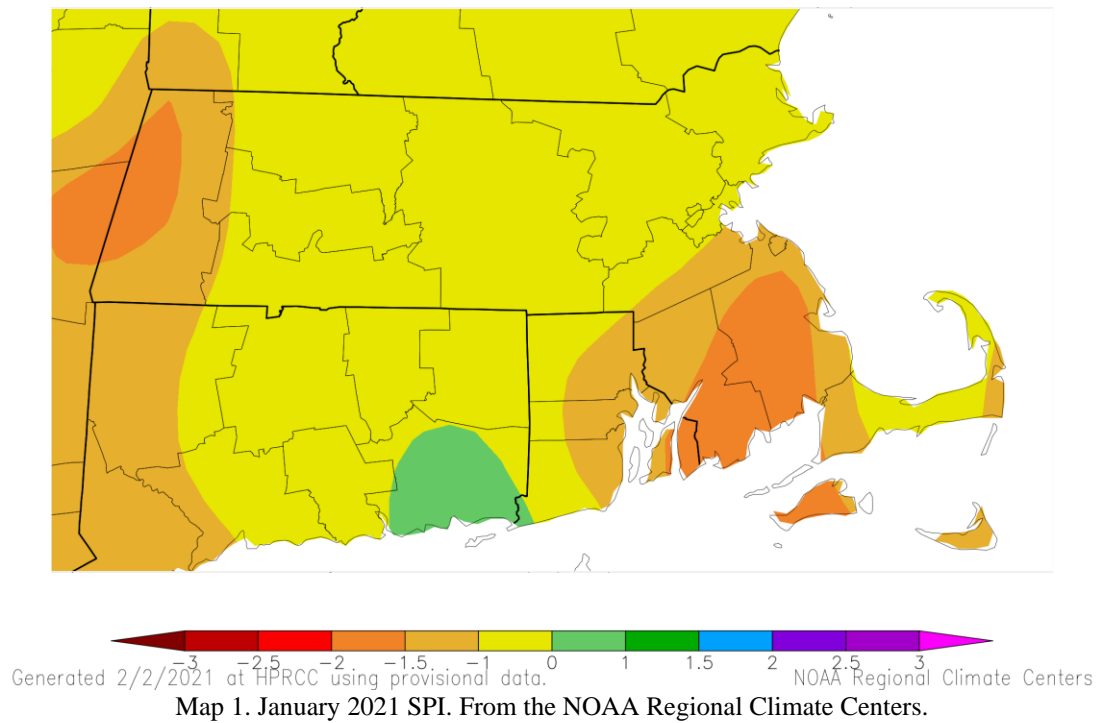
RI 24 month Feb 19-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	105.72	-1.68	98	107.40
Northeast	99.70	-3.14	97	102.84
Central West	105.29	3.75	104	101.54
Central East	97.31	2.95	103	94.36
Eastern	92.16	-4.92	95	97.08
Southern	106.37	0.63	101	105.74
New Shoreham	95.85	-9.89	91	105.74

RI 36 month Feb 18-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	176.46	15.36	110	161.10
Northeast	167.83	13.57	109	154.26
Central West	175.32	23.01	115	152.31
Central East	163.79	22.25	116	141.54
Eastern	150.27	4.65	103	145.62
Southern	168.93	10.32	107	158.61
New Shoreham	153.88	-4.73	97	158.61

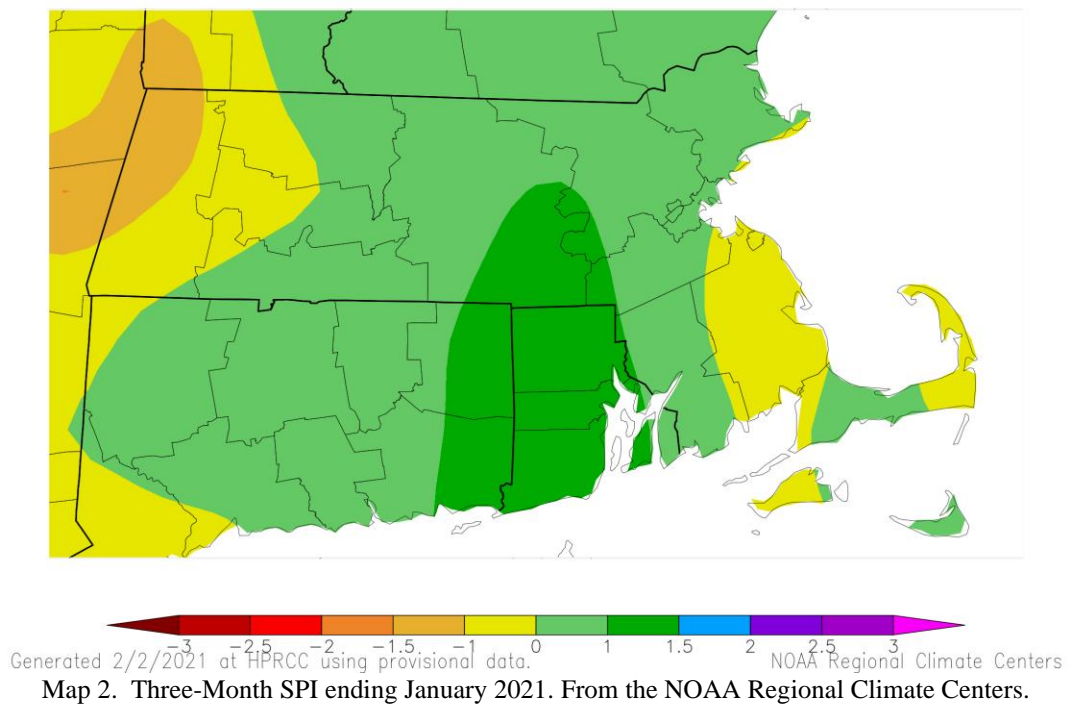
RI 4 month Oct 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	22.33	3.48	118	18.85
Northeast	21.80	3.55	119	18.25
Central West	23.95	6.08	134	17.87
Central East	22.67	6.15	137	16.52
Eastern	19.13	2.70	116	16.43
Southern	22.95	4.82	127	18.13
New Shoreham	23.00	4.87	127	18.13

RI 5 month Sep 20-Jan 21	Rainfall	Departure	Percent	Normal
Northwest	23.58	0.64	103	22.94
Northeast	22.89	0.70	103	22.19
Central West	25.02	3.17	114	21.85
Central East	23.95	3.51	117	20.44
Eastern	20.17	0.01	100	20.16
Southern	24.03	1.68	108	22.35
New Shoreham	24.70	2.35	111	22.35

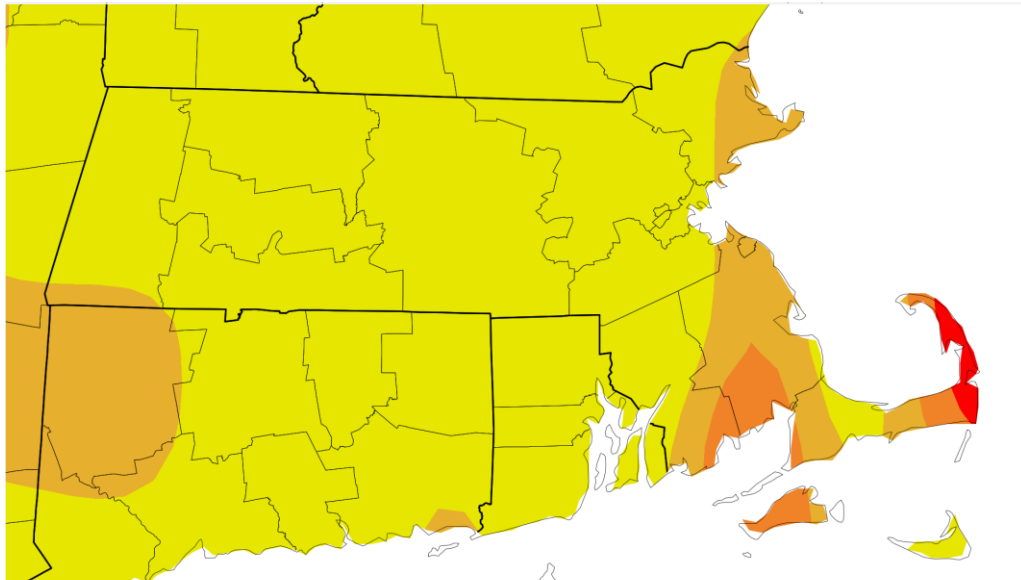
Monthly SPI
1/1/2021 – 1/31/2021



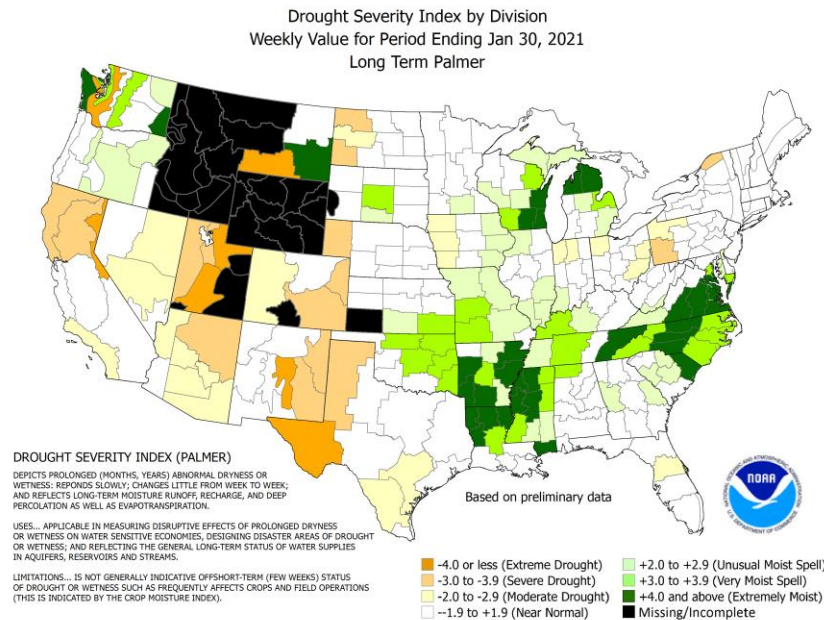
3-Month SPI
11/1/2020 – 1/31/2021



12-Month SPI 2/1/2020 – 1/31/2021



Generated 2/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 3. Twelve month SPI ending January 2021. From the NOAA Regional Climate Centers.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 1/30/21.
RI Palmer is in the Normal range, +1.36.

U.S. Drought Monitor
Rhode Island

February 2, 2021
(Released Thursday, Feb. 4, 2021)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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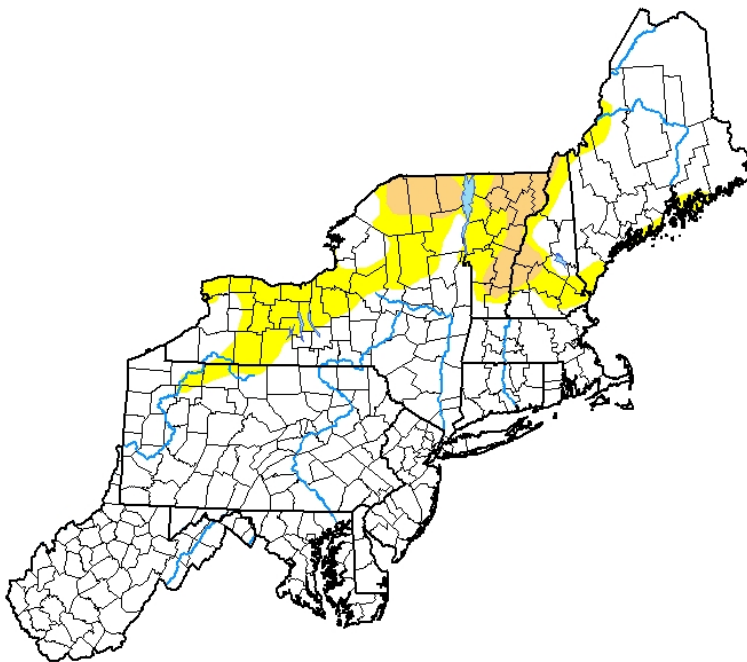


droughtmonitor.unl.edu

Map 5. US Drought Monitor for Rhode Island. valid 2/2/2021.

U.S. Drought Monitor
Northeast

February 2, 2021
(Released Thursday, Feb. 4, 2021)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 6. US Drought Monitor for the Northeast US, valid 2/2/2021.